

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marians et al.
Serial No.: to be assigned
National Stage of (PCT/US00/04445)
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For: PROCESS FOR DNA REPLICATION

HG/A
Prelimdt
CD
3/27/02

PRELIMINARY AMENDMENT

Preliminary to calculation of the filing fee for the above-referenced application, please make the following amendments to the application as amended during International Preliminary Examination:

In the specification:

On Page 1, after the title, please insert a new paragraph as follows:

-This application is a § 371 national stage application of International Patent Application No. PCT/US00/04445 filed February 3, 2000, and claims the benefit of US Provisional Application No. 60/118,703 filed February 4, 1999.

In the claims:

Please amend claim 1 to read as follows:

1. (amended) A method for replication of a target region of a target DNA molecule comprising the steps of:
- (a) introducing a D-loop into the target duplex DNA molecule at a first initiation point adjacent to the target region in a reaction mixture, wherein the step of introducing a D-loop is performed by hybridizing the duplex DNA molecule with a first oligonucleotide primer which is substantially complementary to the first initiation site;
- (b) adding proteins to the reaction mixture to assemble a replisome at the D-loop; and